



STATE OF WASHINGTON
STATE BUILDING CODE COUNCIL

TAG Approved
As Modified
5/12/22
21-GP2-074

May 2018
Log No. _____

1. State Building Code to be Amended:

- International Building Code
- ICC ANSI A117.1 Accessibility Code
- International Existing Building Code
- International Residential Code
- International Fire Code
- Uniform Plumbing Code

- International Mechanical Code
- International Fuel Gas Code
- NFPA 54 National Fuel Gas Code
- NFPA 58 Liquefied Petroleum Gas Code
- Wildland Urban Interface Code

For the Washington State Energy Code, please see specialized [energy code forms](#)

Section(s):
Section 915

Title:
Engine and Gas Turbine

2. Proponent Name (Specific local government, organization or individual):

Proponent: **Eric Vander Mey, Rushing**
Title: **Principal**
Date: **4/8/2022**

3. Designated Contact Person:

Name: **Eric Vander Mey, Rushing**
Title: **Principal**
Address: **4/8/2022**

Office Phone: **206-285-7114**
Cell: **206-321-1677**
E-Mail address: **ericv@rushingco.com**

4. Proposed Code Amendment. Reproduce the section to be amended by underlining all added language, striking through all deleted language. Insert new sections in the appropriate place in the code in order to continue the established numbering system of the code. If more than one section is proposed for amendment or more than one page is needed for reproducing the affected section of the code, additional pages may be attached.

Clearly state if the proposal modifies an existing amendment or if a new amendment is needed. If the proposal modifies an **existing amendment**, show the modifications to the existing amendment by underlining all added language and striking through all deleted language. If a new amendment is needed, show the modifications to the **model code** by underlining all added language and striking through all deleted language.

Code(s) **WSMC** Section(s) **915**

Enforceable code language must be used.
Amend section to read as follows:

See proposed changes below in red, underline with track changes.

SECTION 915

ENGINE AND GAS TURBINE-POWERED EQUIPMENT AND APPLIANCES

915.1 General. The installation of liquid-fueled stationary internal combustion engines and gas turbines, including exhaust, fuel storage and piping, shall meet the requirements of NFPA 37. Stationary engine generator assemblies shall meet the requirements of UL 2200.

915.2 Powered equipment and appliances. Permanently installed equipment and appliances powered by internal combustion engines and turbines shall be installed in accordance with the manufacturer's instructions and NFPA 37.

915.3 Installation of Emergency and Legally Required Power Systems. Emergency power systems and legally required standby power systems required by the International Building Code or the International Fire Code shall be installed in accordance with the International Fire Code, NFPA 70, NFPA 110 and NFPA 111.

915.3.1 Air Intakes. Air intake opening locations for combustion and radiator cooling intake air shall be located on the exterior of the building in accordance with NFPA 110 and a minimum of 5 feet² from the property line.

915.3.1-2 Air Outlets. Air outlet opening locations shall comply with the following:

1. Combustion exhaust shall be located on the exterior of the building and located ~~per~~ in accordance with Section 501.3.1 Item 2 for product conveying exhaust.

2. Radiator cooling outlet air shall be located on the exterior of the building ~~per~~ in accordance with NFPA 110, a minimum of 5 feet from the property line, and a minimum of 2 feet above grade.

915.4 Installation of Optional Standby Power Systems. Optional standby power systems shall be installed in accordance with the International Fire Code, NFPA 70, NFPA ~~40~~-37 and NFPA 111 as applicable.

915.4.1 Air Intakes. Air intake opening locations for combustion and radiator cooling intake air shall be a minimum of 5 feet² from the property line and may be located within an open or enclosed parking garage with sufficient exterior permanent opening area to provide the intake air.

915.4.1-2 Air Outlets. Air outlet opening locations shall comply with the following:

1. Combustion exhaust shall be located on the exterior of the building and located ~~per~~ in accordance with Section 501.3.1 Item 2 for product conveying exhaust.

2. Radiator cooling outlet air shall be located minimum of 5 feet from the property line and may be discharged into an open or enclosed parking garage with sufficient exterior permanent opening area to relieve heat from the generator.

5. **Briefly explain your proposed amendment, including the purpose, benefits and problems addressed.** Specifically note any impacts or benefits to business, and specify construction types, industries and services that would be affected. Finally, please note any potential impact on enforcement such as special reporting requirements or additional inspections required.

6. **Specify what criteria this proposal meets.** You may select more than one.

- The amendment is needed to address a critical life/safety need.
- The amendment clarifies the intent or application of the code.
- The amendment is needed to address a specific state policy or statute.
- The amendment is needed for consistency with state or federal regulations.
- The amendment is needed to address a unique character of the state.
- The amendment corrects errors and omissions.

7. **Is there an economic impact:** Yes No

If no, state reason: [Clarify intent of the code](#)

If yes, provide economic impact, costs and benefits as noted below in items a – f.

- a. **Life Cycle Cost.** Use the OFM Life Cycle Cost [Analysis tool](#) to estimate the life cycle cost of the proposal using one or more typical examples. Reference these [Instructions](#); use these [Inputs](#). Webinars on the tool can be found [Here](#) and [Here](#)). If the tool is used, submit a copy of the excel file with your proposal submission. If preferred, you may submit an alternate life cycle cost analysis.
- b. **Construction Cost.** Provide your best estimate of the construction cost (or cost savings) of your code change proposal.

\$[Click here to enter text.](#)/square foot

(For residential projects, also provide \$[Click here to enter text.](#)/ dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

- c. **Code Enforcement.** List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:
- d. **Small Business Impact.** Describe economic impacts to small businesses:
- e. **Housing Affordability.** Describe economic impacts on housing affordability:
- f. **Other.** Describe other qualitative cost and benefits to owners, to occupants, to the public, to the environment, and to other stakeholders that have not yet been discussed:

Please send your completed proposal to: sbcc@des.wa.gov

All questions must be answered to be considered complete. Incomplete proposals will not be accepted.